

**Notice of Allowability**

Application No. ✓

10/750,089

Examiner

Lam P. Pham

Applicant(s)

PATRICK ET AL.

Art Unit

2636

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/3/2005.
2. ☒ The allowed claim(s) is/are 35-66, renumbered as 1-32.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|   | 9. <input type="checkbox"/> Other _____  |

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Robert Smith on November 23, 2005.

The application has been amended as follows:

In claim 35, line 15, under b): delete [gateway nodule] and insert –gateway module--.

In claim 35, line 25, under iii): delete [security interface] and insert –system interface--.

In claim 45, line 23, under iii): delete [security interface] and insert –system interface--.

In claim 48, line 24, under iii): delete [security interface] and insert –system interface--.

In claim 49, line 31, under iii): delete [security interface] and insert –system interface--.

In claim 50, line 31, under iii): delete [security interface] and insert –system interface--.

### ***Allowable Subject Matter***

2. Claims 35-66 allowed, renumbered as 1-32.

Art Unit: 2636

3. The following is an examiner's statement of reasons for allowance:

No prior art fairly teach or suggest a system for delivering safety and security information (**claims 35, 45**) comprises:

at least one event monitor, each event monitor having an output;

means for predetermining criteria for sorting the outputs of respective event monitors;

means for predetermining the format of a message related to respective events;

means for receiving the respective outputs of each of said event monitors and

means for sorting the outputs, based on the predetermining criteria for sorting the outputs, into categories related to distinct channels of communication;

means for delivering messages based on the predetermining criteria and predetermined format; and

a gateway module for interfacing a peripheral device to the system comprising:

a. system interface means for interfacing the gateway module with a system control panel;

b. peripheral device interface means for interfacing the gateway module with a peripheral device; and

c. processing means for controlling operation of the gateway module, the processing means adapted to:

i. transceive system data to and from the system interface means, the system data configured in a system protocol suitable for communication with a system control panel;

Art Unit: 2636

ii. transceive peripheral device data to and from the peripheral device interface means, the peripheral device data configured in a peripheral device protocol suitable for communication with a peripheral device',

iii. translate system data received from the system interface means to peripheral device data suitable for transmission to the peripheral device interface means;  
and

iv. translate peripheral device data received from the peripheral device interface means to system data suitable for transmission to the system device interface means.

No prior art fairly teach or suggest a system for delivering safety and security information (**claim 48**) comprises:

at least one event monitor, each event monitor having an output;  
means for predetermining criteria for sorting the outputs of respective event monitors;

means for predetermining the format of a message related to respective events;  
means for receiving the respective outputs of each of said event monitors and  
means for sorting the outputs, based on the predetermining criteria for sorting the outputs, into categories related to distinct channels of communication;

means for delivering messages based on the predetermining criteria;

means including a central station for events of greatest immediate urgency; and  
a gateway module for interfacing a peripheral device to the system comprising:

a. system interface means for interfacing the gateway module with a system

Art Unit: 2636

control panel;

b. peripheral device interface means for interfacing the gateway module with a peripheral device; and

c. processing means for controlling operation of the gateway module, the processing means adapted to:

i. transceive system data to and from the system interface means, the system data configured in a system protocol suitable for communication with a system control panel;

ii. transceive peripheral device data to and from the peripheral device interface means, the peripheral device data configured in a peripheral device protocol suitable for communication with a peripheral device',

iii. translate system data received from the system interface means to peripheral device data suitable for transmission to the peripheral device interface means; and

iv. translate peripheral device data received from the peripheral device interface means to system data suitable for transmission to the system device interface means.

No prior art fairly teach or suggest a system for delivering safety and security information (**claims 49 and 50**) comprises:

at least one event monitor, each event monitor having an output;

means for predetermining criteria for sorting the outputs of respective event monitors, said means for predetermining criteria for sorting the outputs of

Art Unit: 2636

respective event monitors includes a plurality of communication channels selected from the group comprising radio frequency transmissions, e-mail, text messaging, instant mail, pager, mobile phone, and wireless PDAS in addition to a central stations for at least some of the events and said means for predetermining criteria for sorting the outputs of respective event monitors further includes a web sit accessible by an end user;

means for predetermining the format of a message related to respective events;

means for receiving the respective outputs of each of said event monitors and

means for sorting the outputs, based on the predetermining criteria for sorting the outputs, into categories related to distinct channels of communication;

means for delivering messages based on the predetermining criteria and predetermined format; and

a gateway module for interfacing a peripheral device to the system comprising:

a. system interface means for interfacing the gateway module with a system control panel;

b. peripheral device interface means for interfacing the gateway module with a peripheral device; and

c. processing means for controlling operation of the gateway module, the processing means adapted to:

i. transceive system data to and from the system interface means, the system data configured in a system protocol suitable for communication with a system control panel;

ii. transceive peripheral device data to and from the peripheral device interface means, the peripheral device data configured in a peripheral device protocol suitable for communication with a peripheral device;

iii. translate system data received from the system interface means to peripheral device data suitable for transmission to the peripheral device interface means;  
and

iv. translate peripheral device data received from the peripheral device interface means to system data suitable for transmission to the system device interface means.

No prior art fairly teach or suggest a method for delivering safety and security information (**claims 52, 62**) comprises:

providing at least one event monitor having an output;  
predetermining criteria for sorting the outputs of respective event monitors;  
receiving the respective outputs of each of said event monitor and means for sorting the outputs, based on the predetermining criteria for sorting the outputs, into categories related to distinct channels of communication;

delivering messages based on the predetermining criteria and predetermined format; and

a method for controlling a system with a peripheral device comprising the steps of:

a. receiving, with a gateway module interconnected to the peripheral device, a first set of peripheral device data from the peripheral device;

Art Unit: 2636

- b. translating the first set of peripheral device data received from the peripheral device to a first set of system data suitable for transmission to a system control panel;
- c. communicating with the system control panel by
  - i. transmitting the first set of system data to the system control panel, and
  - ii. receiving, with the gateway module, a second set of system data from the system control panel,
- d. translating the second set of system data received from the system control panel to a second set of peripheral device data suitable for transmission to the peripheral device; and
- e. transmitting the second set of peripheral device data to the peripheral device.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lam P. Pham whose telephone number is 571-272-2977. The examiner can normally be reached on 9AM-6PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffery A. Hofsass can be reached on 571-272-2981. The fax phone




Art Unit: 2636

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Lam Pham  
November 25, 2005.



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